

State of California  
AIR RESOURCES BOARD

EXECUTIVE ORDER A-10-502  
Relating to Certification of New Motor Vehicles

FORD MOTOR COMPANY

Pursuant to the authority vested in the Air Resources Board by the Health and Safety Code, Division 26, Part 5, Chapter 2; and

Pursuant to the authority vested in the undersigned by Health and Safety Code Sections 39515 and 39516 and Executive Orders G-45-3 and G-45-4;

IT IS ORDERED AND RESOLVED: That 1992 model-year Ford Motor Company exhaust emission control systems are certified as described below for light-duty trucks:

Fuel Type: Gasoline

Engine Family: NFM3.0T5FFD3      Displacement: 3.0 Liters (181 Cubic Inches)

Exhaust Emission Control Systems & Special Features:

Three-Way Catalysts (Two)  
Heated Oxygen Sensor  
Sequential Multipoint Electronic Fuel Injection

Vehicle models, transmissions, engine codes and evaporative emission control families are listed on attachments.

The following are the emission standards for this engine family:

<u>Loaded Vehicle Weight(lbs.)</u>	<u>Non-Methane Hydrocarbons (Grams per Mile)</u>	<u>Carbon Monoxide (Grams per Mile)</u>	<u>Nitrogen Oxides (Grams per Mile)</u>
3751-5750	0.50	9.0	1.0

The following are the certification emission values for this engine family:

<u>Loaded Vehicle Weight(lbs.)</u>	<u>Hydrocarbons (Grams per Mile)</u>	<u>Carbon Monoxide (Grams per Mile)</u>	<u>Nitrogen Oxides (Grams per Mile)</u>
3751-5750	0.14	2.1	0.2

BE IT FURTHER RESOLVED: That the listed vehicle models also comply with "California Evaporative Emission Standards and Test Procedures for 1978 and Subsequent Model Gasoline-Powered Motor Vehicles".

BE IT FURTHER RESOLVED: That the listed vehicle models also comply with the Board's "Specifications for Fill Pipes and Openings of Motor Vehicle Fuel Tanks" (Title 13, California Code of Regulations, Section 2290) for the aforementioned model-year.

BE IT FURTHER RESOLVED: That the listed vehicle models also comply with the Board's high altitude requirements and highway emission standards as stipulated in "California Exhaust Emission Standards and Test Procedures for 1988 and Subsequent Model Passenger Cars, Light-Duty Trucks, and Medium-Duty Vehicles".

BE IT FURTHER RESOLVED: That the listed vehicle models also comply with the "California Motor Vehicle Tune-Up Label Specifications" (Title 13, California Code of Regulations, Section 1965) for the aforementioned model year.

BE IT FURTHER RESOLVED: That the vehicle models listed also comply with the "Malfunction and Diagnostic System for 1988 and Subsequent Model Year[s]..." (Title 13, California Code of Regulations, Section 1968) for the aforementioned model year.

BE IT FURTHER RESOLVED: That for the listed vehicles, the manufacturer has submitted and the Executive Officer hereby approves the materials to demonstrate certification compliance with the Board's emission control system warranty provisions (Title 13, California Code of Regulations, Section 2035 et seq.).

Vehicles certified under this Executive Order must conform to all applicable California emission regulations.

The Bureau of Automotive Repair will be notified by copy of this order and attachment.

Executed at El Monte, California this 30<sup>th</sup> day of July, 1991.



R. B. Summerfield  
Assistant Division Chief  
Mobile Source Division

## 1992 AIR RESOURCES BOARD SUPPLEMENTAL DATA SHEET

Page 1Manufacturer Ford Motor Company Engine Family NFM3.0T5FFD3 (N3.0TFD)Passenger Cars      Light-Duty Trucks X Medium-Duty Vehicles      Fuel Type GasEngine Type V-6 Liter (CID) 3.0 (181) Evaporative Family 9HM-04Emission Control System & Special Features TWC<sup>(2)</sup> HO2S 5MPI  
(Use abbreviations per SAE J1930, June 88)Engine: Front X Mid      Rear      Drive: FWD      RWD X 4WD-FT      4WD-PT     

Engine Code	Vehicle Models (If Coded see attachment)	Trans. Type	Equiv. Test Weight	RLHP	Ign. System (PCME/PROM)	EGR System	Catalyst
3751-5750# LVW	(Dyno Hp)	A-Auto M-Manual			Part No. -12A650-	Part No. None	Part No. -5F250-
255TR00A/N	Aerostar 4x2 CWS (10.6) (11.7*) EWS (10.6) (11.7*) EVS (11.7*)	M5	4000  4250 3750	15.4 16.1 15.4 16.8 16.1	F27F-DB		F19A-CA

\* With air conditioning

042090

ENGINE FAMILY: N3.0TFD

20.09.17.02-1

ISSUED: 7-9-91

REVISED:

## 1992 AIR RESOURCES BOARD SUPPLEMENTAL DATA SHEET

Page 2Manufacturer Ford Motor Company Engine Family NFM3.OT5FFD3 (N3.OTFD)Passenger Cars      Light-Duty Trucks X Medium-Duty Vehicles      Fuel Type GasEngine Type V-6 Liter (CID) 3.0 (181) Evaporative Family 9HM-04Emission Control System & Special Features TWC<sup>(2)</sup> HO2S SMPI  
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3751-5750# LVW	(Dyno Hp)	A-Auto M-Manual			Part No. -12A650-	Part No. None	Part No. -5F250-
256TR00A/N	Aerostar 4x2 CWS (10.6) (11.7*) EWS (10.6) (11.7*) RVS (11.7*) EVS (10.6) (11.7*)	A4	4000 4250 3750 3875	15.4 16.1 15.4 16.8 16.1 15.4 16.1	F29F-DB		F19A-CA

\* With air conditioning

042090

ENGINE FAMILY: N3.OTFD

20.09.17.02-2

ISSUED: 7-9-91

REVISED: